

Notice of Allowability

Application No.

09/632,196

Applicant(s)

SCHNEIDER, GERHARD A.

Examiner

Art Unit

DUC Q. DINH

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/07/06.
2. ☒ The allowed claim(s) is/are ²¹1-18, 22-30, 38-42, 47-53 and 55-59, renumbered as 1-45.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 11/28/00, 7-2-02
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Rodney LeRoy on April 20, 2006.

Claims 1, 16, 38 and 49 have been amended as follows:

1. (Currently Amended): A universal presentation device comprising:

- an electronic control device configured to communicatively couple with a computer system to provide a control mechanism for the computer system;
- a radio-frequency transmitter configured to communicatively couple the electronic control device with the computer system; and
- a coherent light source configured to provide a coherent light beam for pointing the coherent light beam on an object;

a user-operable switch having a first state configured to select operation of the electronic control device, a second state configured to select operation of the coherent light source, and a third state configured to select operation of the electronic control device and the coherent light source for substantially simultaneously operating for combined operation of the electronic control device and the coherent light source[;], which are dimensioned to form a substantially

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unitary device when at least one of the electronic control device or the coherent light source is operational,

a first housing portion including the electronic control device, a first power source, and a first electrical ~~contact~~ contact for the first power source; and

a second housing portion including the coherent light source, a second power source, and a second electrical ~~contact~~ contact for the second power source, wherein

the first housing portion and the second housing portion are separable and combinable, if the first housing portion and the second housing portion are combined, the first and second electrical contacts are configured to ~~contact~~ contact and the first power source and the second power source are configured to provide a single power source configured to be shared by the electronic control device and the coherent light source.

16. (Currently Amended): A modular universal presentation device comprising:

a first presentation module configured to provide a first presentation function, the first presentation function including the use of an electrical circuit;

a second presentation module configured to provide a second presentation function; and

a releasable locking assembly configured to releaseably couple the first presentation module with the second presentation module to form a unitary article, wherein:

the first presentation module and the second presentation module are configured to be separable,

the first presentation module including a first power source and a first battery contact, and

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the second presentation module including a second power source and a second battery contact[₁]

the first and second battery contacts are configured to ~~contract~~ contact if the first presentation module and the second presentation module are combined, and the first power source and the second power source are configured to provide one power source that is shared by the first presentation module and the second presentation module.

38. (Currently Amended): A universal presentation device comprising:

a communication means for communicating with a host system;

an application control means for controlling the host system;

a coherent light source means for generating a coherent light beam to light at least a portion of an object; ~~and~~

a housing means for housing the communication means, the application control mechanism means and the coherent light source means; and

a switching means for selecting operation of the coherent light source, the application control means, or the simultaneous combined operation of the coherent light source means and the application control means, wherein:

the housing means is configured to be separable into a first portion that includes the coherent light source means and a second portion the include the application control means,

the first portion includes a first power source and a first electrical contact,

the second portion includes a second power source and a second electrical contact, and

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if the first portion and the second portion are combined, the first and second electrical contacts are configured to ~~contact~~ contact and the first power source and the second power are configured to form a single power source shared by the first portion and the second portion.

49. (Currently Amended): In a universal presentation device, a method comprising the steps of:

combining a first portion of the device with a second portion of the device to contact a first electrical ~~contact~~ contact in the first portion to a second electrical contact in the second portion;

in response to contacting the first electrical contact and the second electrical contact, coupling a first power source in the first portion to a second power source in the second portion to provide a single power source to power a coherent light source in the first portion and an electronic control device in the second portion;

switching a switch to operate the coherent light source, the electronic control device, or the coherent light source and the electronic control device in combination substantially simultaneously;

communicating with a computer system,

receiving a user input via the electronic control device;

controlling the computer system in response to the user input, and

providing the coherent light source for generating a coherent light beam to reflect off an object housing the electronic control device and the coherent light source in a unitary off an object. [3]

~~housing the electronic control device and the coherent light source in a unitary device;~~
~~configuring the universal presentation device for controlling one of the computer system~~
~~and the coherent light source; and~~
~~configuring the universal presentation device for simultaneously controlling the computer~~
~~system and providing the coherent light source.~~

Allowable Subject Matter

2. Claims 1-18, 21-30, 38-42, 47-53 and 55-59 are allowed and numbered as 1-45

The following is an examiner's statement of reasons for allowance:

The present invention related to a presentation device having a first portion and second portion to perform two different presentation functions that could be separable and combinable . Each independent claim identifies the uniquely distinct features

“if the first housing portion and the second housing portion are combined, the first and second electrical contacts are configured to contact and the first power source and the second power source are configured to provide a single power source configured to be shared by the electronic control device and the coherent light source.” (claim 1).

“the first and second battery contacts are configured to contact if the first presentation module and the second presentation module are combined, and the first power source and the second power source are configured to provide one power source that is shared by the first presentation module and the second presentation module.” (claim 16)

“if the first portion and the second portion are combined, the first and second electrical contacts are configured to contact and the first power source and the second power are

configured to form a single power source shared by the first portion and the second portion.”
(claim 38)

“in response to contacting the first electrical contact and the second electrical contact, coupling a first power source in the first portion to a second power source in the second portion to provide a single power source to power a coherent light source in the first portion and an electronic control device in the second portion.” (claim 49)

The closest prior art of Daniels (U.S Patent No.6,417,840), Stork et al. (U.S Patent No. 6,275,174), Liu (U.S Patent No. 6,133,907), Hu (U.S Patent No. 5,952,997) show similar systems, but either singularly or in combination, fail to anticipate or render above quoted limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUC Q DINH whose telephone number is (571) 272-7686. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUC Q DINH
Examiner
Art Unit 2629

DQD
April 27, 2006

A handwritten signature in black ink, appearing to read 'R. Hjerpe', is written over a rectangular stamp.

RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600